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25X1C

SECRET

NO FOREIGN DISSEM [redacted]

SUMMARY

PHOTOGRAPHIC INTERPRETATION REPORT

[redacted]

25X1A

[redacted] MISSION 5068

25 JUNE 1965

NPIC/R-248/65

JULY 1965

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

SECRET

NO FOREIGN DISSEM [redacted]

25X1C

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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NO FOREIGN DISSEM [redacted]
25X1C



## PREFACE

25X1A

This summary report lists the NPIC intelligence targets imaged on [redacted] photography.

Items are arranged in three sections.

The "SUMMARY" section provides short descriptions for newly identified targets and previously reported targets showing change, and also provides order of battle information.

The "NAC" section provides a listing of those targets which reflect no apparent change in facilities from the most adequate previous description. The summary in which this description appears is designated by the appropriate mission number, prefixed by the letters NAC and appearing on the photo reference line. Military installations where there is no significant change in facilities and where no order of battle can be determined are listed under this section.

The "ID" section provides a listing of those targets which could be identified but not interpreted.

If the publication contains no summary, or NAC, or ID targets, the appropriate section is omitted.

Targets in each section are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. An explanation of column headings and photo references used in presenting the information is contained in the appendix. The map base used (when available) for the derivation of coordinates in this summary is the latest and applicable edition of the AMS series L509, scale 1/250,000, L701 and L7012, scale 1/50,000, and the ATC series 200, scale 1/200,000.

The user of this summary is cautioned that the scan of photography was accomplished in a relatively short time and often without the aid of precise analytical and mensural techniques commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, additional, detailed analysis may somewhat alter portions of the information.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37MM), medium (57MM, 85MM), and heavy (100MM and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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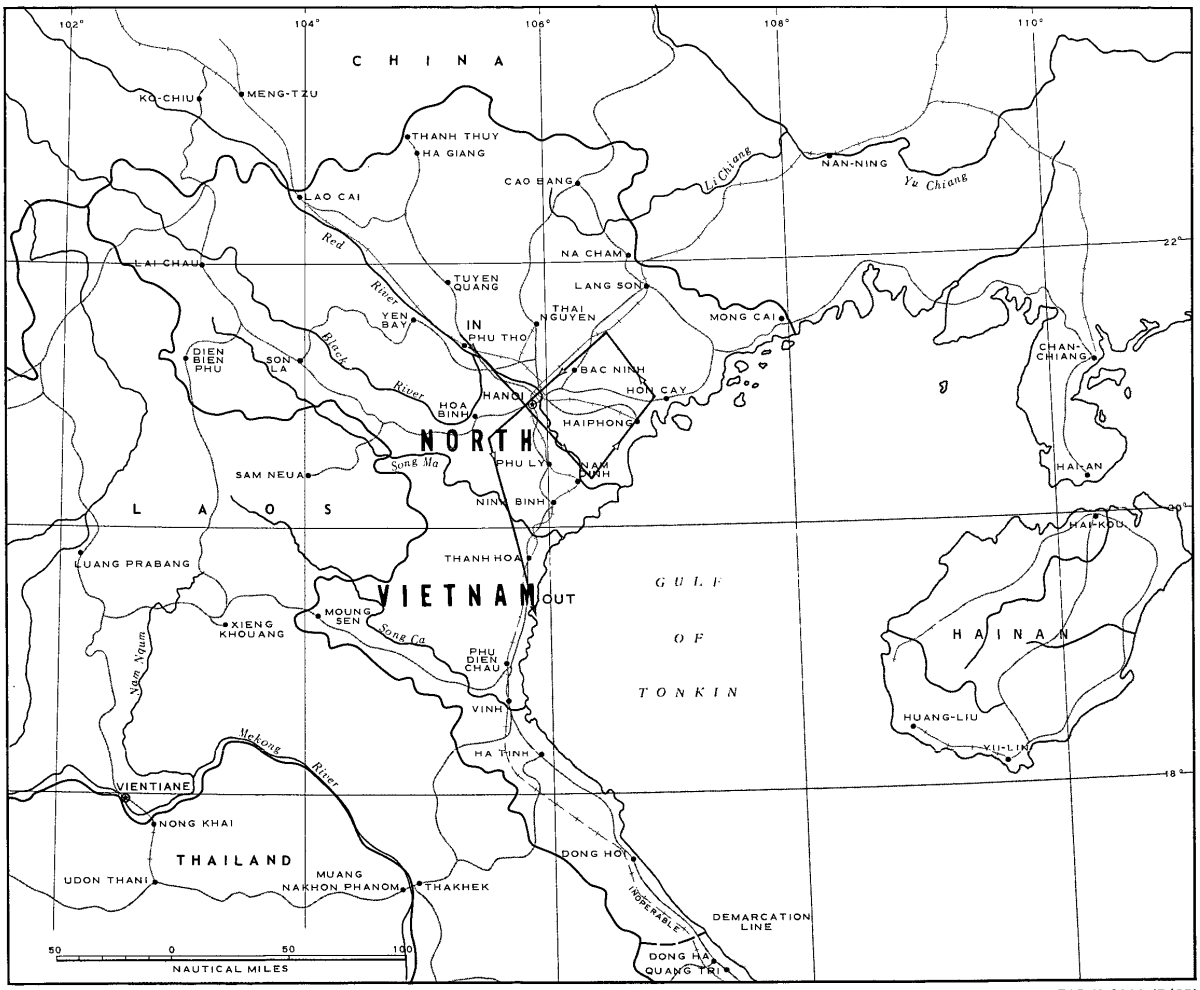
NO FOREIGN DISSEM [redacted]

NPIC/R-248/65




NPIC K-0892 (7/65)

APPROXIMATE TRACK OF [redacted] MISSION 5068, 25 JUNE 1965.

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# SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| -NORTH VIETNAM- | | | | |
| MISSILES | | | | |
| HANOI SAM SITE B21-2<br>11 NM SW OF HANOI AT UTM WJ786072.<br>SITE CONTAINS 6 LAUNCH REVETMENTS, A CENTRAL GUIDANCE REVETMENT, AND 3 HOLD REVETMENTS ALL APPARENTLY IN FINAL STAGE OF CONSTRUCTION.<br>(SEE ATTACHMENT 1)<br>[redacted] 25X1D | 2051N 10545E | 0616 | | 114-H |
| AIR INSTALLATIONS | | | 25X1A | |
| HAIPHONG/KIEN AN AIRFIELD 25X1D<br>NO APPARENT CHANGE SINCE MISSION [redacted]<br>[redacted].<br>25X1D AIRCRAFT -- 5 CAB AND 7 PROBABLE COLT.<br>[redacted] 25X1D | 2048N 10636E | 0616 | [redacted] | 109-B |
| HAIPHONG/CAT BI AIRFIELD 25X1D<br>NO APPARENT CHANGE SINCE MISSION [redacted]<br>[redacted].<br>25X1D AIRCRAFT -- 1 PROBABLE COLT, 5 PROBABLE MAX/MOOSE, AND 4 PROBABLE DUMMY FAGOT/FRESCO.<br>[redacted] 25X1D | 2049N 10643E | 0616 | | 109-A |
| HANOI/BAC MAI AIRFIELD 25X1D<br>NO APPARENT CHANGE SINCE MISSION [redacted]<br>25X1D [redacted]<br>AIRCRAFT -- 2 SINGLE-ENGINE STRAIGHT-WING. | 2100N 10550E | 0616 | | 112-E |





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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| 25X1D [redacted] | | | | |
| KEP HA AIRFIELD 25X1D [redacted] NO APPARENT CHANGE SINCE MISSION [redacted]. AIRCRAFT -- 4 CAB. | 2123N 10640E | 0616 | 25X1A [redacted] | 397 |
| 25X1D [redacted] | | | | |
| MILITARY INSTALLATIONS | | | | |
| BIEN SON ARMY BARRACKS EAST 1.4 NM NNE OF BIEN SON AT UTM WH905206. INSTALLATION CONSISTS OF 2 LARGE AND SEVERAL SMALLER BARRACKS AND STORAGE AREAS WITH A TOTAL OF 131 BARRACKS, 29 ADMINISTRATION, 26 STORAGE, 9 REVETTED AMMUNITION STORAGE, 5 VEHICLE STORAGE, 15 MESSHALL, AND APPROXIMATELY 100 MISCELLANEOUS ASSOCIATED BUILDINGS. | 2005N 10551E | 0616 | [redacted] | 227 |
| 25X1D [redacted] | | | | |
| QUANG SUOI ARMY BARRACKS NNW 2.3 NM NNW OF QUANG SUOI AT UTM WH921325. AREA CONTAINS 4 BARRACKS, 1 ADMINISTRATION, 7 STORAGE, 1 MESSHALL, AND 5 MISCELLANEOUS BUILDINGS. | 2011N 10552E | 0616 | [redacted] | 231-B |
| 25X1D [redacted] | | | | |
| CHI NE ARMY BARRACKS 0.9 NM SE OF CHI NE AT UTM WH828650. SECURED MILITARY INSTALLATION CONTAINS 23 BARRACKS, 8 ADMINISTRATION, 7 STORAGE, AND | 2029N 10547E | 0616 | [redacted] | 353 |



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| Target | Coordinates | WAC | Target Numbers | |
|---|---|---|---|---|
| | | | BE | NPIC |
| APPROXIMATELY 25 SMALL BUILDINGS. [redacted] 25X1D | | | | |
| BA LAM ARMY SUPPLY DEPOT SW<br>1 NM SSW OF BA LAM AT UTM WH693851.<br>DEPOT CONTAINS 14 MULTISTORY BARRACKS, 1 MULTISTORY ADMINISTRATION, 12 STORAGE, 1 SMALL AMMUNITION STORAGE, 3 MESSHALL, AND APPROXIMATELY 35 MISCELLANEOUS BUILDINGS AND SHEDS.<br>[redacted] 25X1D | 2040N 10539E | 0616 | 25X1A [redacted] | 269 |
| NINH DUONG ARMY BKS NGA MY<br>0.5 NM ENE OF NGA MY AT UTM WJ792069.<br>SECURED CAMP CONTAINS 41 BARRACKS, 7 ADMINISTRATION, 3 MESSHALL, 7 STORAGE, 3 REVETTED STORAGE, AND 5 MISCELLANEOUS BUILDINGS AND 1 H-SHAPED BUILDING FOUNDATION AND AN ATHLETIC FIELD.<br>[redacted] 25X1D | 2052N 10546E | 0616 | | 265 |
| VAN TRAI MILITARY CAMP<br>2.2 NM NORTH OF VAN TRAI AT UTM WJ890117.<br>AREA CONTAINS 22 BARRACKS-TYPE, 6 ADMINISTRATION, 13 STORAGE, 2 PROBABLE AMMUNITION STORAGE, 2 MESSHALL, AND 6 MISCELLANEOUS BUILDINGS.<br>[redacted] 25X1D | 2054N 10551E | 0616 | | 266 |
| HA DONG ARMY BARRACKS<br>0.9 NM WNW OF HA DONG AT UTM WJ798192.<br>NINE BARRACKS-TYPE, 10 STORAGE, AND 3 MESSHALL BUILDINGS OBSERVED THROUGH SCATTERED CLOUDS AND HAZE. | 2058N 10546E | 0616 | | 256-B |



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| Target | Coordinates | WAC | Target Numbers | |
|---|---|---|---|---|
| | | | BE | NPIC |
| [redacted] 25X1D | | | 25X1A | |
| HA DONG ARMY SUPPLY DEPOT<br>Ø.8 NM NE OF HA DONG AT UTM WJ826198.<br>INSTALLATION CONTAINS 49 BARRACKS, 16 ADMINISTRATION, 12 STORAGE, 5 MESSHALL, AND APPROXIMATELY 120 MISCELLANEOUS BUILDINGS AND SHEDS. | 2Ø58N 1Ø547E | Ø616 | [redacted] | 112-H |
| [redacted] 25X1D | | | | |
| HANOI POSSIBLE BARRACKS AREA BAC MAI<br>SE EDGE OF BAC MAI AIRFIELD AT UTM WJ873211.<br>TWO ADJACENT SECURED AREAS CONTAINS A TOTAL OF 73 BARRACKS, 3 ADMINISTRATION, 5 STORAGE, 7 MESSHALL, AND 17 SUPPORT BUILDINGS. | 2Ø59N 1Ø55ØE | Ø616 | | 112-F |
| [redacted] 25X1D | | | | |
| HAIPHONG ARMY BARRACKS KIEN AN<br>3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF HAIPHONG/KIEN AN AIRFIELD AT UTM WJ7Ø5Ø23.<br>AREA CONTAINS 13 BARRACKS, 5 ADMINISTRATION, 2 MESSHALL, AND 15 MISCELLANEOUS BUILDINGS. | 2Ø49N 1Ø638E | Ø616 | | 1Ø9-F |
| [redacted] 25X1D | | | | |
| HAIPHONG BARRACKS AREA<br>2 NM NORTH OF HAIPHONG AT UTM XJ75Ø1Ø7.<br>SECURED AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION, AND 8 SUPPORT BUILDINGS. | 2Ø53N 1Ø641E | Ø616 | | 1Ø9-J |
| [redacted] 25X1D | | | | |
| QUANG YEN ARMY BARRACKS AND SUPPLY DEPOT<br>Ø.5 NM NE OF QUANG YEN AT UTM XJ887167.<br>POSSIBLE MILITARY AREA CONTAINS 3Ø BARRACKS, 2 | 2Ø57N 1Ø648E | Ø616 | | 249 |



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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| ADMINISTRATION, AND 14 SUPPORT BUILDINGS AND A TRAINING AREA.<br>A 2ND PREVIOUSLY REPORTED AREA ON THE EAST EDGE OF QUANG YEN DOES NOT APPEAR TO BE MILITARY.<br>[redacted] 25X1D | | | | |
| HANOI AAA DEFENSES<br>EIGHTEEN AAA SITES OBSERVED IN HANOI AREA THROUGH SCATTERED CLOUDS.<br>SITES INCLUDE FOURTEEN 8-GUN (4 OCCUPIED), 3 UNOCCUPIED 6-GUN, AND 1 UNOCCUPIED 4-GUN.<br>[redacted] 25X1D | 2101N 10551E | 0616 | | 112-K |
| HANOI ARMY SUPPLY DEPOT NNE<br>NO APPARENT CHANGE SINCE MISSION [redacted] 25X1D<br>25X1D [redacted]<br>AT LEAST 15 PROBABLE VEHICLES OBSERVED.<br>[redacted] 25X1D | 2104N 10553E | 0616 | | 114-D |
| HANOI ARMY BARRACKS NE GIA THUONG<br>3 NM NNE OF HANOI AT UTM WJ912293.<br>INSTALLATION CONTAINS 135 BARRACKS-TYPE, 34 ADMINISTRATION, 24 STORAGE, 4 VEHICLE STORAGE, 9 QUARTERS, 8 MESSHALL, 1 VEHICLE MAINTENANCE, AND APPROXIMATELY 85 MISCELLANEOUS BUILDINGS.<br>[redacted] 25X1D | 2104N 10553E | 0616 | 25X1A [redacted] | 114-E |
| BIEU NGHI MILITARY AREAS<br>1 NM EAST OF BIEU NGHI AT UTM XJ970245.<br>TWO SEPARATE MILITARY AREAS.<br><br>EAST AREA -- CLOUD COVERED. | 2100N 10652E | 0616 | | 460 |



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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| WEST AREA -- 21 BARRACKS, 1 ADMINISTRATION, 1 MESSHALL, AND 4 STORAGE BUILDINGS AND NUMEROUS TRENCHES. [redacted] 25X1D | | | | |
| KEP HA MILITARY ARMY SUPPLY DEPOT<br>Ø.7 NM EAST OF KEP HA AT UTM XJ698660.<br>AREA CONTAINS 22 BARRACKS, 7 ADMINISTRATION/ SUPPORT, 39 STORAGE, 3 REVETTED AMMUNITION STORAGE, 7 MESSHALL, AND 7 MISCELLANEOUS BUILDINGS.<br>[redacted] 25X1D | 2123N 10638E | Ø616 | 25X1A [redacted] | 397-A |
| SAM SON ARMY BARRACKS<br>SOUTH EDGE OF SAM SON AT UTM XG943815.<br>THREE SMALL AREAS CONTAIN A TOTAL OF 56 BUILDINGS.<br>SIX PREVIOUSLY REPORTED AREAS IN THE CENTER OF SAM SON APPEAR TO BE NON-MILITARY HOUSING AREAS.<br>[redacted] 25X1D | 1944N 10554E | Ø617 | | 155 |
| YEN CAT MILITARY BARRACKS AREA<br>Ø.8 NM WNW OF YEN CAT AT UTM WG886846.<br>AREA HAS BEEN SUBJECTED TO AIR STRIKE.<br>SEVEN BARRACKS (2 SEVERELY DAMAGED), 3 ADMINISTRATION, 2 MESSHALL (1 SEVERELY DAMAGED), AND 11 STORAGE/SUPPORT BUILDINGS (2 DAMAGED) REMAIN.<br>NUMEROUS BOMB CRATERS OBSERVED THROUGHOUT THE AREA.<br>[redacted] 25X1D | 1946N 10550E | Ø617 | | 336 |



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| Target | Coordinates | WAC | Target Numbers | |
|---|---|---|---|---|
| | | | BE | NPIC |
| THANH HOA POSSIBLE MILITARY AREAS<br>TWO POSSIBLE MILITARY AREAS ON SOUTH EDGE OF THANH HOA.<br><br>AREA A (UTM WG813888) -- 14 BARRACKS-TYPE, 2 ADMINISTRATION, 1 ADMINISTRATION/SUPPORT, AND 5 SUPPORT BUILDINGS.<br><br>AREA B (UTM WG825890) -- FENCED AREA CONTAINS 10 BARRACKS, 1 ADMINISTRATION/SUPPORT BUILDING, AND 11 SMALL SUPPORT SHEDS. | 1947N 10546E | 0617 | | 126-H |
| 25X1D [redacted] | | | 25X1A | |
| THANH HOA ARMY BARRACKS AND SUPPLY DEPOT<br>IN OLD CITADEL AT CENTER OF THANH HOA AT UTM XG816905.<br>CAMP CONTAINS 49 BARRACKS, 10 ADMINISTRATION, 2 MULTISTORY PROBABLE HEADQUARTERS, 4 WAREHOUSE, AND 43 ADMINISTRATION/SUPPORT BUILDINGS. | 1948N 10546E | 0617 | [redacted] | 126-B |
| 25X1D [redacted] | | | | |
| INDUSTRY | | | 25X1A | |
| HAIPHONG SHIPYARD<br>ON SOUTH BANK OF CUA CAM (RIVER) AT UTM XJ743080.<br>SMALL SHIPYARD CONTAINS SHIP BUILDING WAYS AND 5 SMALL BUILDINGS.<br>VESSELS -- 1 SMALL UNDER CONSTRUCTION ON BUILDING WAYS. | 2052N 10640E | 0616 | [redacted] | 109-Q |
| [redacted]<br>25X1D | | | | |



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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| VANG DANH MINING COMPLEX<br>1 NM SE OF VANG DANH AT UTM XJ874375.<br>LARGE RAIL-SERVED AREA CONSISTS OF EXTENSIVE OPEN-PIT MINING, AN ORE CONCENTRATION PLANT, AND AN EXTENSIVE WORKERS HOUSING AREA.<br>25X1D [redacted] | 2106N 10648E | 0616 | | 308-A |
| BASIC SERVICES | | | | |
| UONG BI THERMAL POWERPLANT<br>NE EDGE OF UONG BI AT UTM XJ862268.<br>RAIL-SERVED PLANT CONSISTS OF A BOILERHOUSE AND GENERATOR HALL, 1 TALL STACK EMITTING SMOKE, A TRANSFORMER YARD, A COAL YARD WITH CONVEYOR SYSTEM LEADING TO THE BOILERHOUSE, 6 POSSIBLE FUEL STORAGE TANKS, A SETTLING BASIN, AND WATER INTAKE FACILITIES.<br>EXTENSIVE WORKERS HOUSING, SOME BUILDINGS STILL UNDER CONSTRUCTION, OBSERVED IN AREA.<br>25X1D [redacted] | 2102N 10647E | 0616 | 25X1A [redacted] | 408 |
| PORTS AND HARBORS | | | | |
| HAIPHONG PORT FACILITIES<br>NO APPARENT CHANGE SINCE MISSION 25X1D [redacted]<br>25X1D [redacted]<br>VESSELS -- 5 FREIGHTERS AND NUMEROUS SMALL CRAFT.<br>25X1D [redacted] | 2052N 10642E | 0616 | 25X1A [redacted] | 109-D |



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| Target | Coordinates | WAC | Target Numbers | |
|---|---|---|---|---|
| | | | BE | NPIC |
| URBAN COMPLEXES | | | | |
| HAIPHONG COMPLEX<br>COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, CONTAINS EXTENSIVE DOCKING FACILITIES, A NAVAL BASE, A CEMENT PLANT, BOAT BUILDING AND REPAIR FACILITIES, A POWERPLANT, POL STORAGE, SEVERAL LIGHT INDUSTRIES, AND RAIL FACILITIES INCLUDING A 2,100 FT RAILYARD 7 TRACKS WIDE, CAR REPAIR FACILITIES, AND A TURNING WYE. SEVERAL UNIDENTIFIED PIECES OF ROLLING STOCK OBSERVED.<br>[redacted] 25X1D | 2052N 10641E | 0616 | 25X1A [redacted] | 109 |





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# SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| -NORTH VIETNAM- | | | | |
| MISSILES | | | 25X1A | |
| HANOI SAM SITE B12-2 [redacted] 25X1D | 2056N 10604E | 0616 | [redacted] | 312-A |
| AIR INSTALLATIONS | | | | |
| DO SON AIRFIELD [redacted] 25X1D | 2042N 10648E | 0616 | | 106 |
| MILITARY INSTALLATIONS | | | | |
| XUAN MAI HQ 338 INFANTRY DIVISION 25X1D [redacted] | 2054N 10535E | 0616 | | 261 |
| HAIPHONG AMMUNITION DEPOT KIEN AN SW PUG [redacted] 25X1D | 2048N 10638E | 0616 | | 109-G |
| BASIC SERVICES | | | | |
| HAIPHONG POSSIBLE THERMAL POWERPLANT [redacted] 25X1D | 2051N 10641E | 0616 | | 109-O |
| THANH HOA RR AND HWY BRIDGE OVER SONG MA COMOR TARGET [redacted] 25X1A | 1950N 10548E | 0617 | | 126-D |





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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| 25X1D [redacted] | | | 25X1A [redacted] | |
| DONG PHONG THUONG RR & HWY BRIDGE OVER LEN R | 1958N 10550E | 0617 | | 502 |
| 25X1D [redacted] | | | | |
| STORAGE | | | | |
| MAI LINH STORAGE SITE | 2056N 10545E | 0616 | | 256-D |
| 25X1D [redacted] | | | | |
| BAC GIANG EXPLOSIVES STORAGE AREA | 2118N 10608E | 0616 | | 238-F |
| 25X1D [redacted] | | | | |
| URBAN COMPLEXES | | | | |
| THANH HOA COMPLEX | 1948N 10546E | 0617 | | 126 |
| 25X1D [redacted] | | | | |



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# SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| -NORTH VIETNAM- | | | | |
| MISSILES | | | 25X1A | |
| HANOI SAM SITE B17-2 [redacted] 25X1D | 2047N 10554E | 0616 | [redacted] | 114-G |
| AIR INSTALLATIONS | | | | |
| PHUC YEN AIRFIELD [redacted] 25X1D | 2113N 10548E | 0616 | | 326-C |
| KEP AIRFIELD [redacted] 25X1D | 2124N 10616E | 0616 | | 211 |
| MILITARY INSTALLATIONS | | | | |
| HON GAY NAVAL BASE BAI CHAY [redacted] 25X1D | 2058N 10704E | 0615 | | 109-B |
| QUANG SUOI ARMY BARRACKS ESE [redacted] 25X1D | 2009N 10555E | 0616 | | 231 |
| LAI CAC ARMY BARRACKS [redacted] 25X1D | 2013N 10549E | 0616 | | 222 |
| HOA BINH MILITARY AREAS [redacted] 25X1D | 2049N 10520E | 0616 | | 115-D |



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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| THUONG LAM MILITARY AREAS [redacted] 25X1D | 2049N 10539E | 0616 | 25X1A | 230-A |
| CHUC SON ARMY BARRACKS NORTH [redacted] 25X1D | 2056N 10543E | 0616 | [redacted] | 256-C |
| HA DONG ARMY BARRACKS SW [redacted] 25X1D | 2057N 10545E | 0616 | | 256 |
| NAM DINH AAA DEFENSES [redacted] 25X1D | 2025N 10610E | 0616 | | 236-F |
| NAM DINH MILITARY CAMP [redacted] 25X1D | 2025N 10612E | 0616 | | 236-A |
| HUNG YEN ARMY BARRACKS [redacted] 25X1D | 2040N 10604E | 0616 | | 362 |
| DO SON COASTAL DEFENSE SYSTEM [redacted] 25X1D | 2042N 10648E | 0616 | | 106-B |
| HAIPHONG NAVAL BASE [redacted] 25X1D | 2052N 10640E | 0616 | | 109-E |
| HANOI ARMY BARRACKS SOUTH QUINH LOI [redacted] 25X1D | 2100N 10551E | 0616 | | 112-P |
| HANOI AREA ARMY BARRACKS WEST YEN LANG [redacted] 25X1D | 2101N 10548E | 0616 | | 112-I |
| VAN TRI MILITARY DEPOT ESE [redacted] 25X1D | 2102N 10545E | 0616 | | 462-A |



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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| | | | 25X1A | |
| HANOI ARMY BARRACKS WEST MAI DICH [redacted] 25X1D | 2102N 10547E | 0616 | [redacted] | 112-L |
| VAN TRI PROBABLE MILITARY INSTALLATION NW [redacted] 25X1D | 2103N 10544E | 0616 | | 462 |
| HANOI AREA ARMY SUPPLY DEPOT NORTH TAY HO [redacted] 25X1D | 2103N 10550E | 0616 | | 112-O |
| DAN HOI ARMY BARRACKS SOUTH [redacted] 25X1D | 2104N 10543E | 0616 | | 462-C |
| HANOI ARMY BARRACKS NNW THUY PHUONG [redacted] 25X1D | 2104N 10546E | 0616 | | 112-M |
| PHU NHIEU BARRACKS AND STORAGE AREA [redacted] 25X1D | 2112N 10521E | 0616 | | 389 |
| BAC NINH ARMY BARRACKS [redacted] 25X1D | 2111N 10603E | 0616 | | 206-A |
| SAM SON COASTAL DEFENSE SITE [redacted] 25X1D | 1943N 10554E | 0617 | | 155-A |
| SAM SON ARMY BARRACKS WEST [redacted] 25X1D | 1944N 10552E | 0617 | | 155-B |
| KIEU DAI BARRACKS AREAS [redacted] 25X1D | 1946N 10546E | 0617 | | 126-E |
| THANH HOA AAA DEFENSES 25X1D [redacted] | 1948N 10546E | 0617 | | 126-K |





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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| 25X2 [redacted] | | | | |
| ELECTRONICS/COMMUNICATIONS | | | 25X1A | |
| DO SON RADAR SITE [redacted] 25X1D | 2040N 10648E | 0616 | [redacted] | 106-C |
| HANOI RADIO BROADCAST STATION ME TRI [redacted] 25X1D | 2100N 10547E | 0616 | | 112-J |
| INDUSTRY | | | | |
| HANOI PROB PROCESSING INDUSTRY YEN NOI [redacted] 25X1D | 2105N 10546E | 0616 | | 112-Q |
| BAC GIANG CHEMICAL FERTILIZER PLANT [redacted] 25X1D | 2118N 10612E | 0616 | | 238-C |
| BASIC SERVICES | | | | |
| HANOI RR REPAIR SHOPS GIA LAM RR RPR SHOP [redacted] 25X1D | 2103N 10553E | 0616 | | 114-C |
| PORTS AND HARBORS | | | | |
| NAM DINH PORT FACILITIES [redacted] 25X1D | 2025N 10610E | 0616 | | 236-H |



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| Target | Coordinates | WAC | Target Numbers BE | Target Numbers NPIC |
|---|---|---|---|---|
| STORAGE | | | | |
| HOA BINH EXPLOSIVES STORAGE AREA [redacted] 25X1D | 2042N 10518E | 0616 | | 115-A |
| TRUNG LANG STORAGE AREAS [redacted] 25X1D | 2043N 10634E | 0616 | 25X1A | 371 |
| HAIPHONG PETROLEUM STORAGE AREA [redacted] 25X1D | 2053N 10640E | 0616 | [redacted] | 109-M |
| BAC GIANG PETROLEUM PRODUCTS STORAGE [redacted] 25X1D | 2116N 10612E | 0616 | | 238-D |
| URBAN COMPLEXES | | | | |
| HON GAY COMPLEX [redacted] 25X1D | 2057N 10705E | 0615 | | 109-A |
| NAM DINH COMPLEX [redacted] 25X1D | 2025N 10610E | 0616 | | 236 |
| HANOI COMPLEX [redacted] 25X1D | 2101N 10551E | 0616 | | 112 |
| VIET TRI COMPLEX [redacted] 25X1D | 2118N 10526E | 0616 | | 262 |
| BAC NINH COMPLEX [redacted] 25X1D | 2111N 10604E | 0616 | | 206 |



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25X1C

## APPENDIX

### COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

### COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

### PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

### CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); S (snow); PC (partial coverage); O (obliquity); and PQ (poor image quality).



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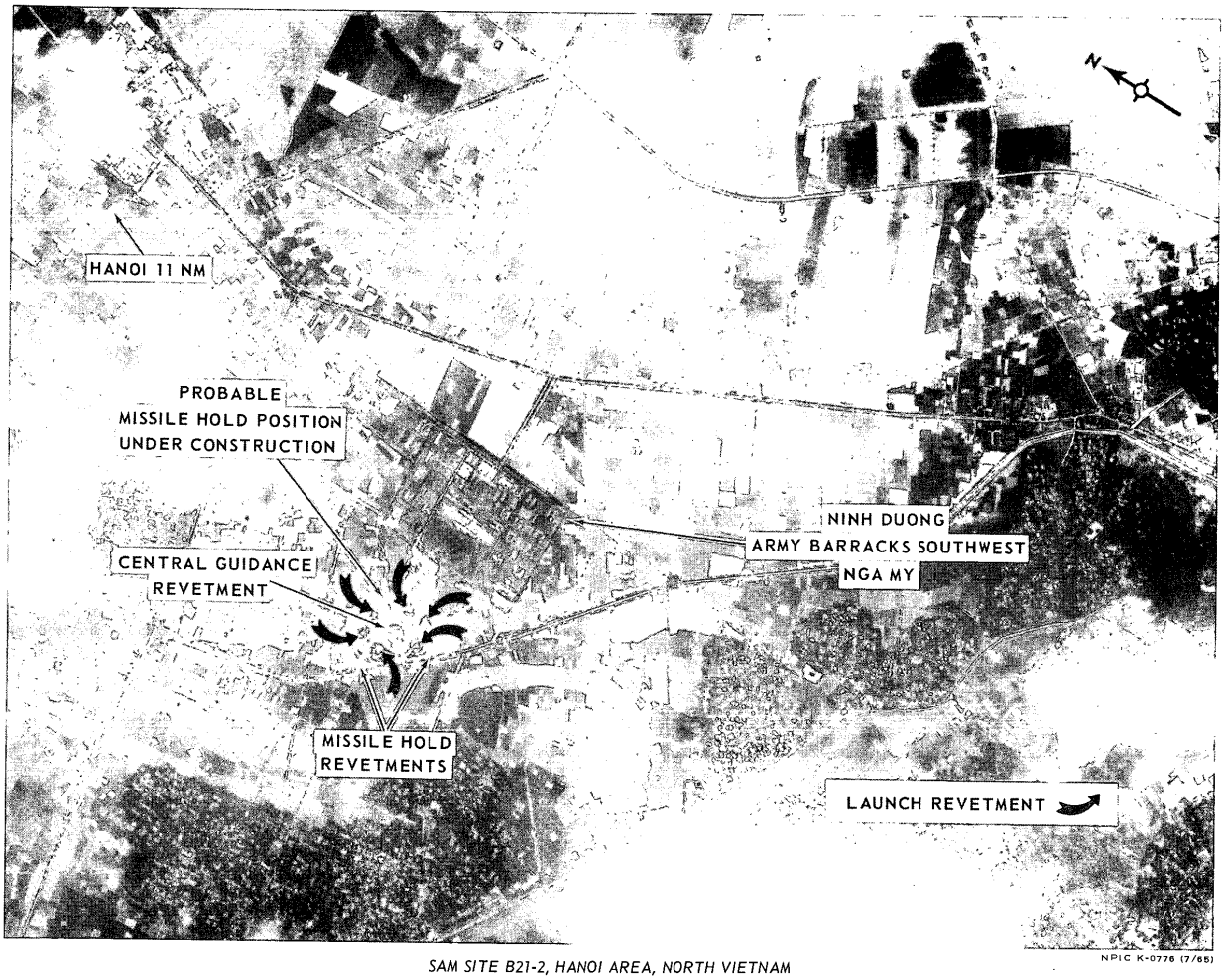


*SAM SITE B21-2, HANOI AREA, NORTH VIETNAM*



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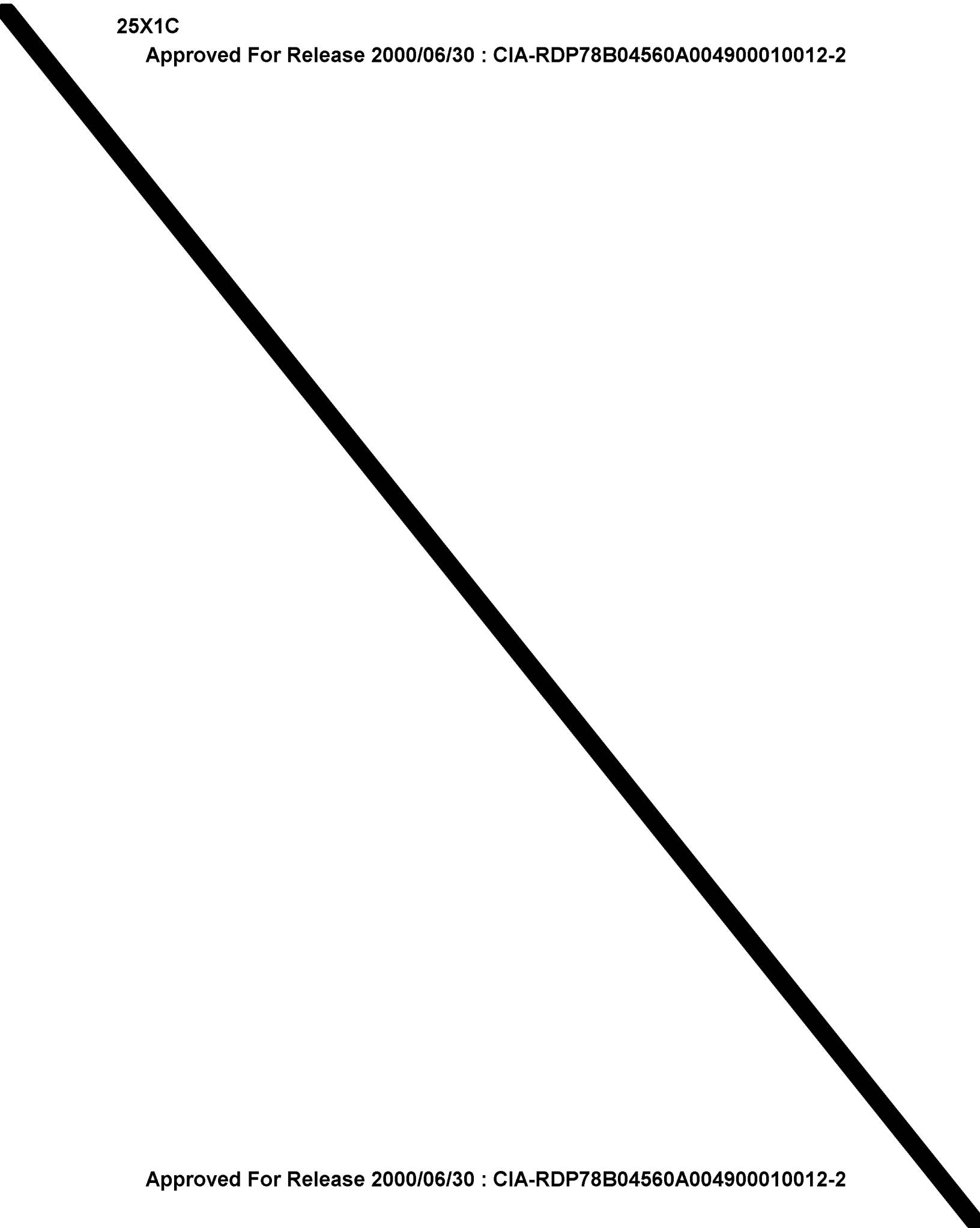

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